

ABSTRACT

A constant flow valve has a chamber (6) provided
therein with a first diaphragm (8) having a valve member
5 (7), a second diaphragm (9) and a third diaphragm (10).
The chamber is divided into a first pressure chamber (11),
a second valve chamber (12), a first valve chamber (13)
and a second pressure chamber (18). The first pressure
chamber has means for applying a constant inward force to
10 the second diaphragm, and the second pressure chamber has
means for applying a constant inward force to the third
diaphragm. The first valve chamber is communicated with
an inlet channel, the second valve chamber has a valve
seat (27) corresponding to the valve member, and the
15 valve seat divides the chamber into a bottom valve
chamber (14) communicating with the first valve chamber
through a communication hole formed in the first
diaphragm and a top valve chamber (15) communicating with
an outlet channel.